

FIG. 1

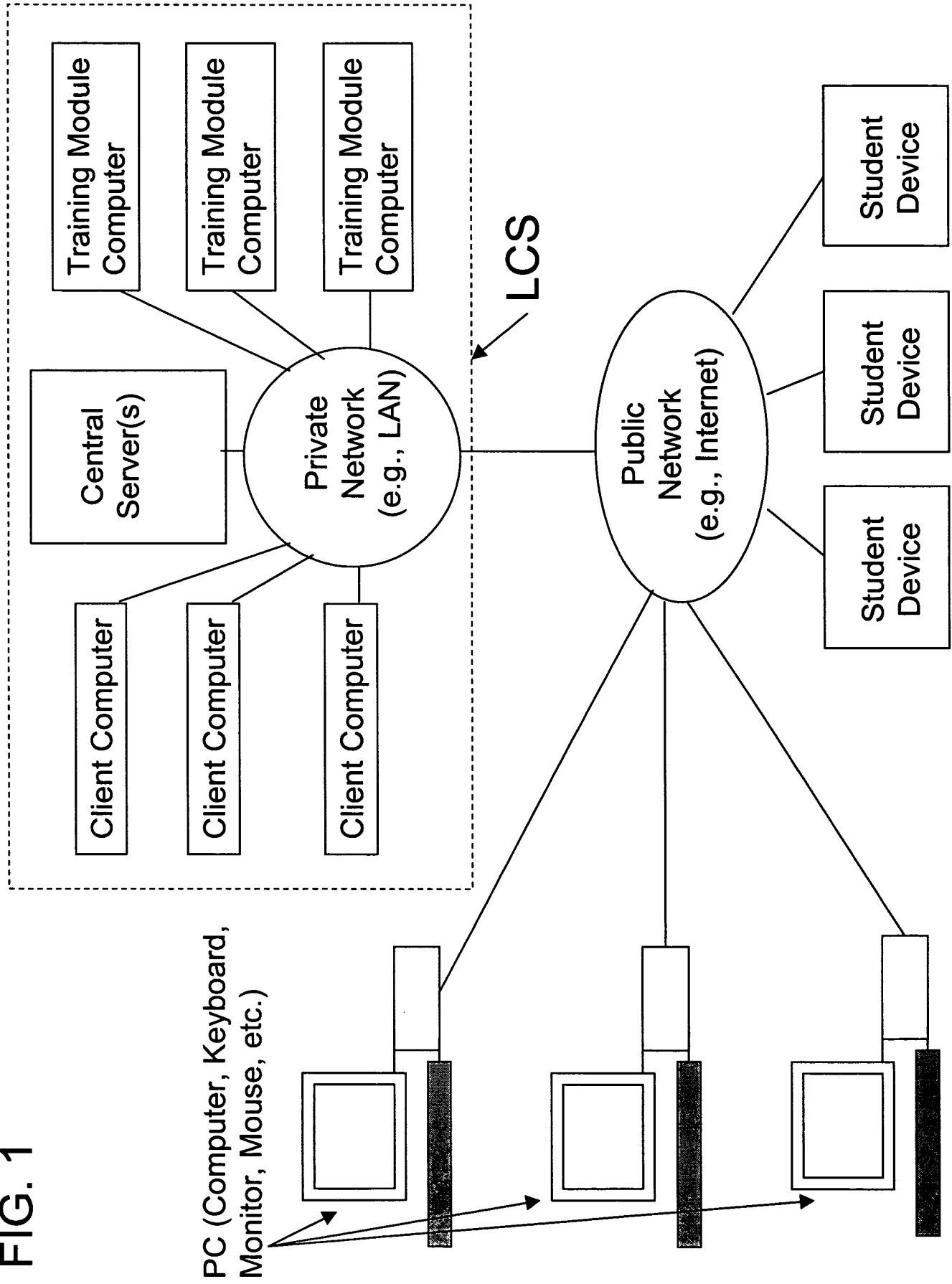


FIG. 2

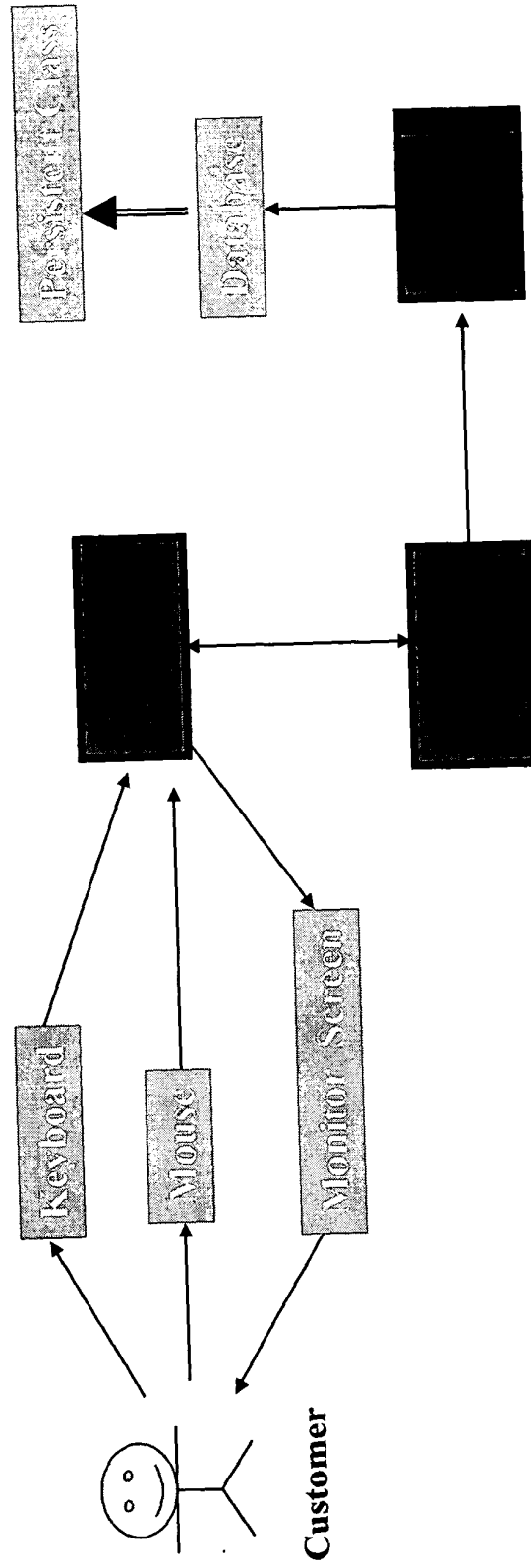


FIG. 3

# Subsystems of e-Learning

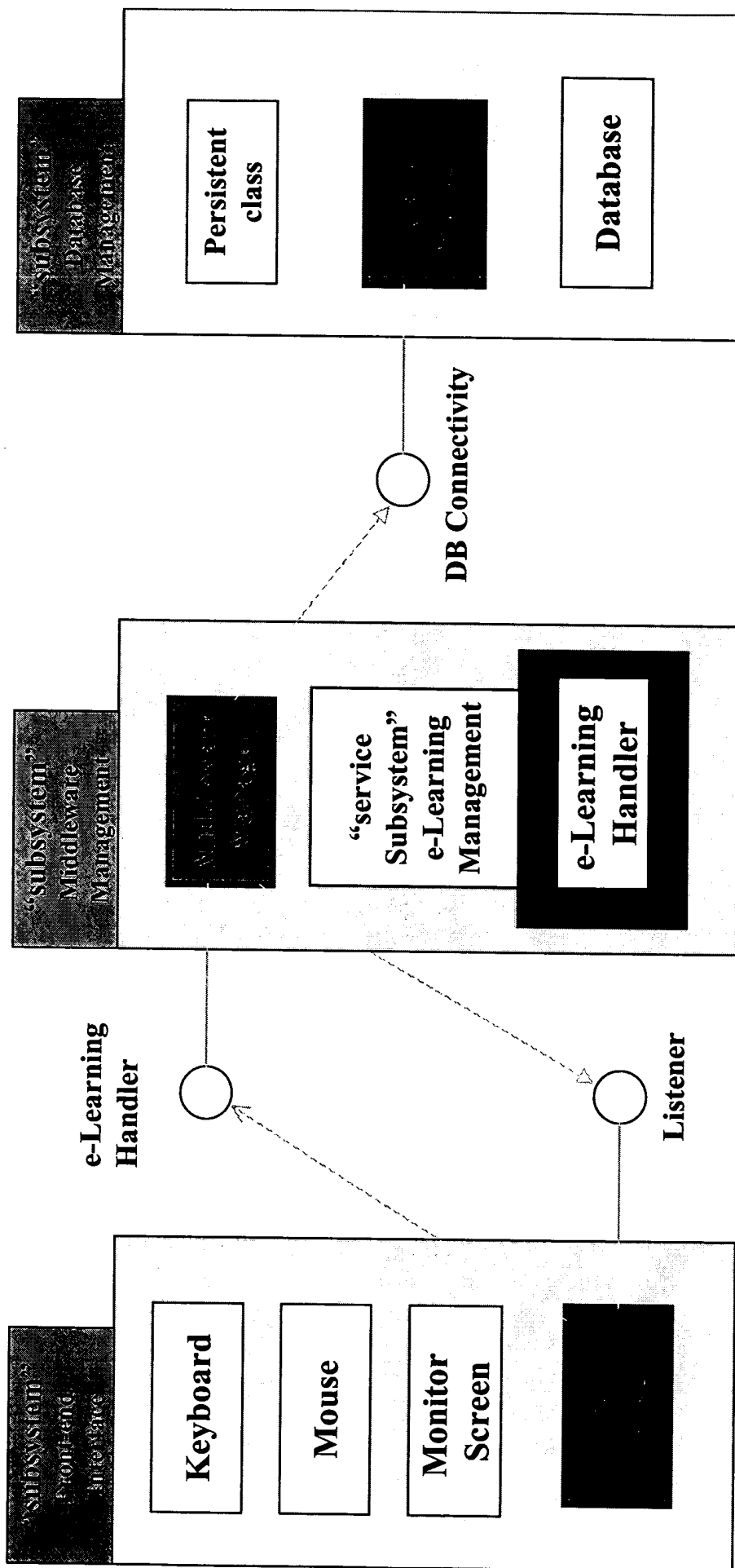


FIG. 4

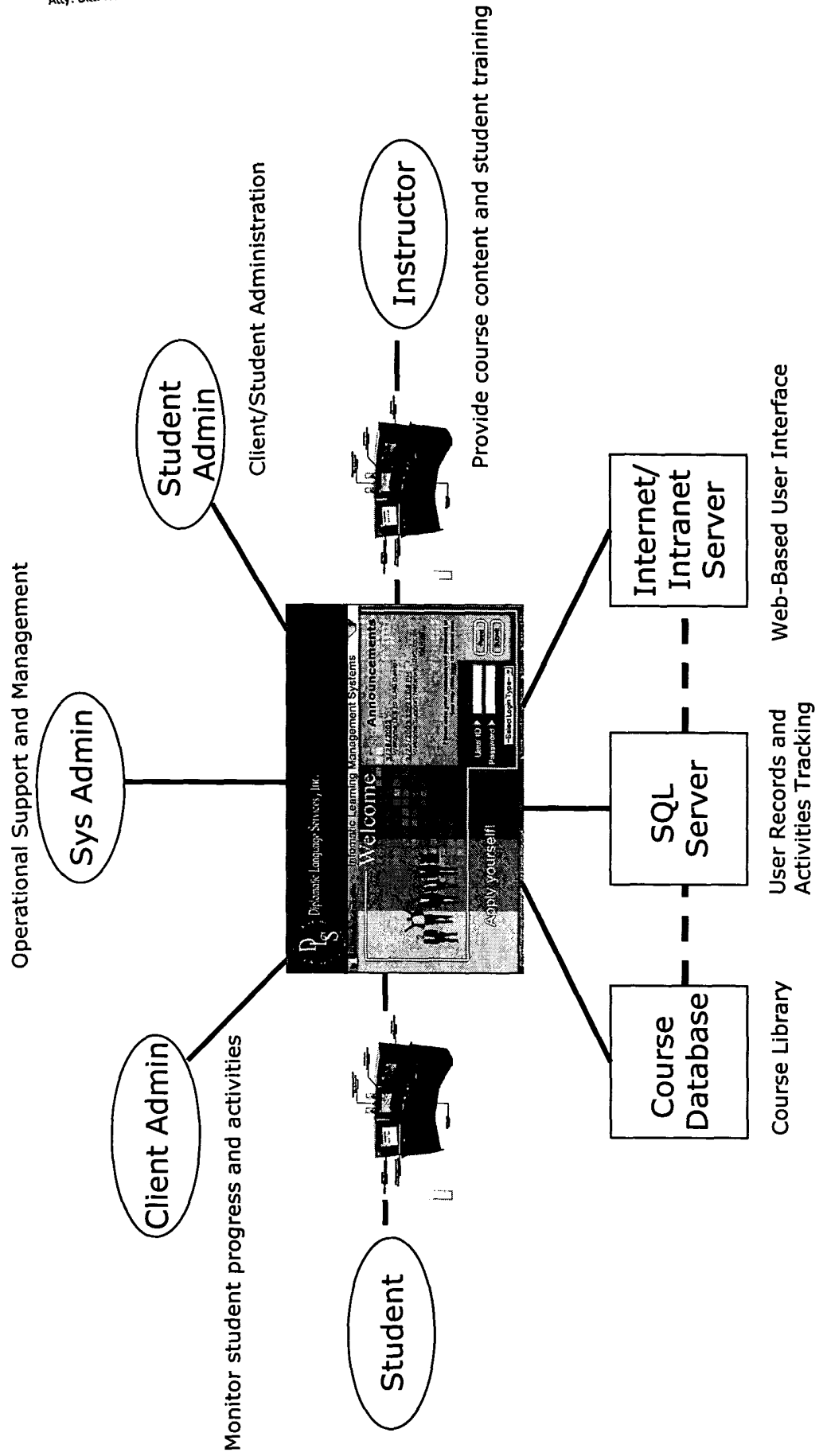
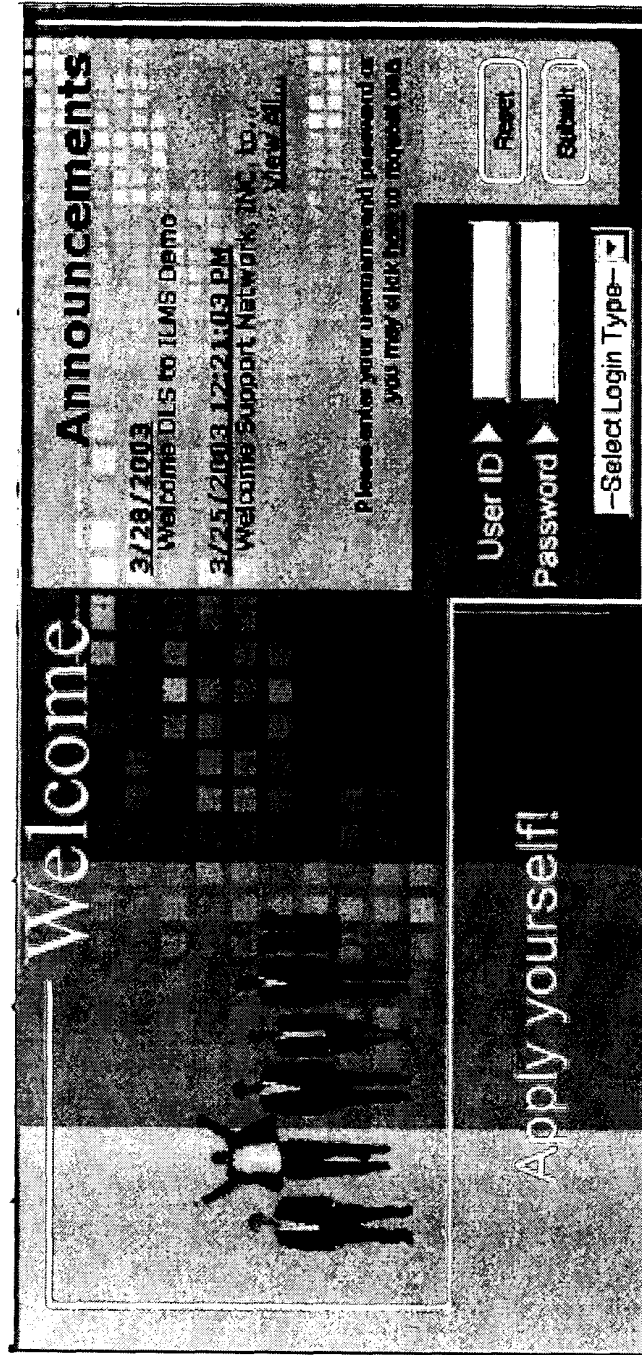


FIG. 5

## Access Interface



The screenshot displays a web-based access interface. On the left, a large 'Welcome' message is accompanied by a graphic of stylized human figures. Below this, the text 'Apply yourself!' is visible. The right side of the interface features an 'Announcements' section with two entries: '3/28/2003 Welcome DLS to LIMS Demo' and '3/25/2003 12:21:03 PM Welcome Support Network, Inc. to LIMS Demo'. A login section on the right includes fields for 'User ID' and 'Password', a 'Select Login Type' dropdown menu, and 'Reset' and 'Submit' buttons. A small instruction box states: 'Please enter your username and password or you may click here to forget one's'.

Welcome

Apply yourself!

### Announcements

3/28/2003  
Welcome DLS to LIMS Demo

3/25/2003 12:21:03 PM  
Welcome Support Network, Inc. to LIMS Demo

Please enter your username and password or  
you may click here to forget one's

User ID

Password

—Select Login Type—

Reset Submit

FIG. 6

## Global Model

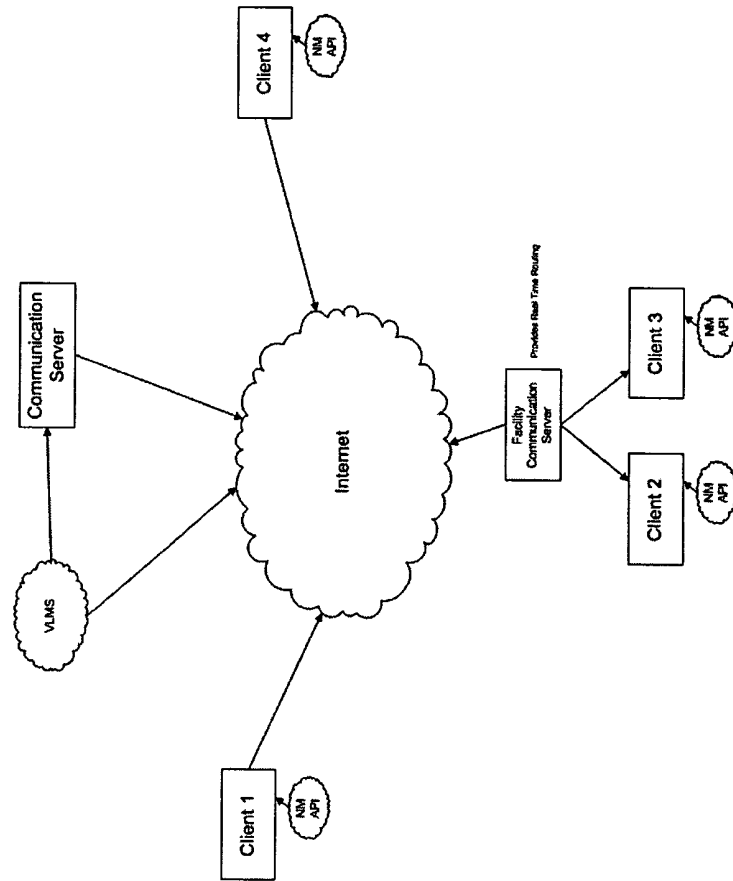


FIG. 7

# Client Application Functions

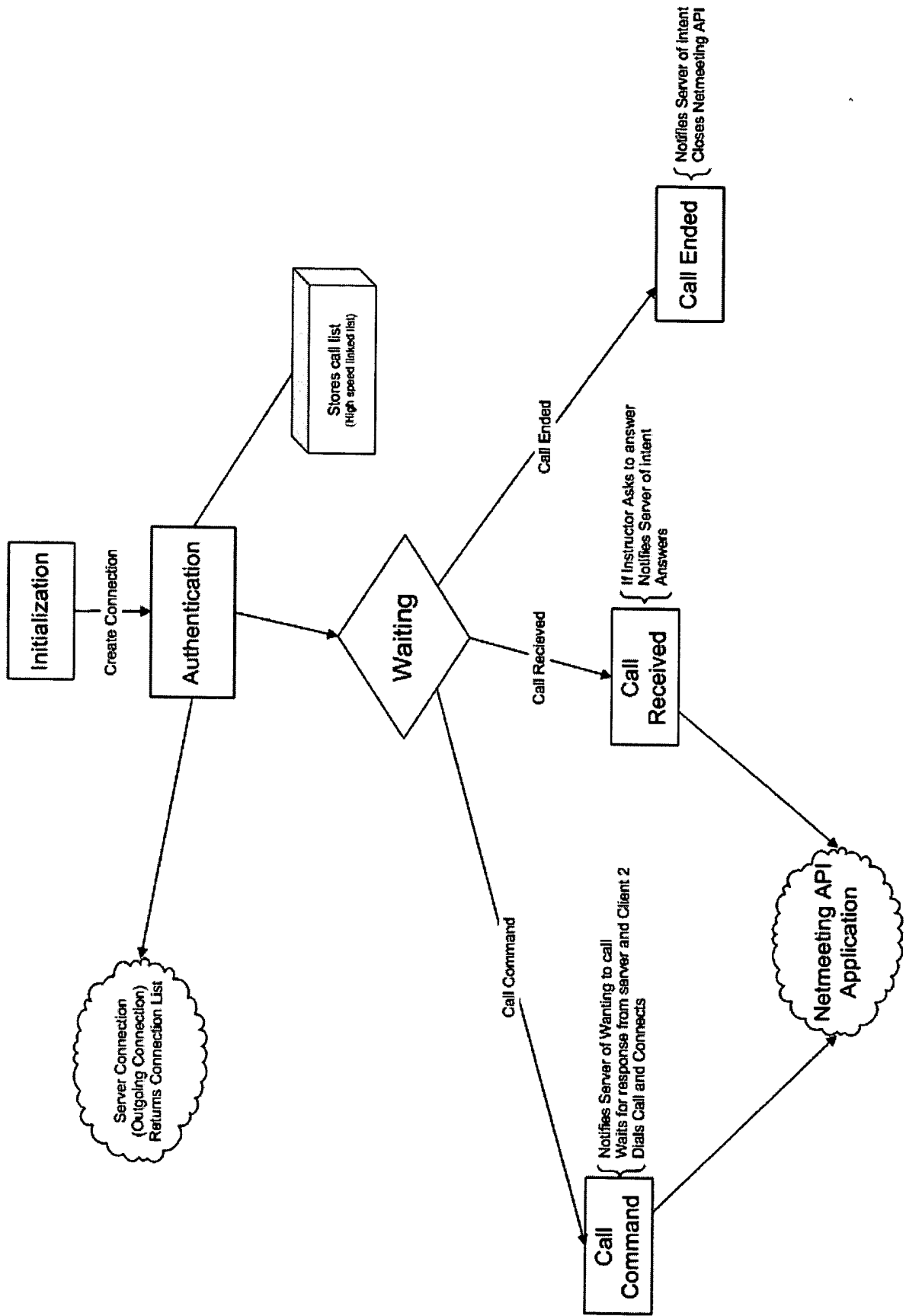


FIG. 8

## Server Application Functions

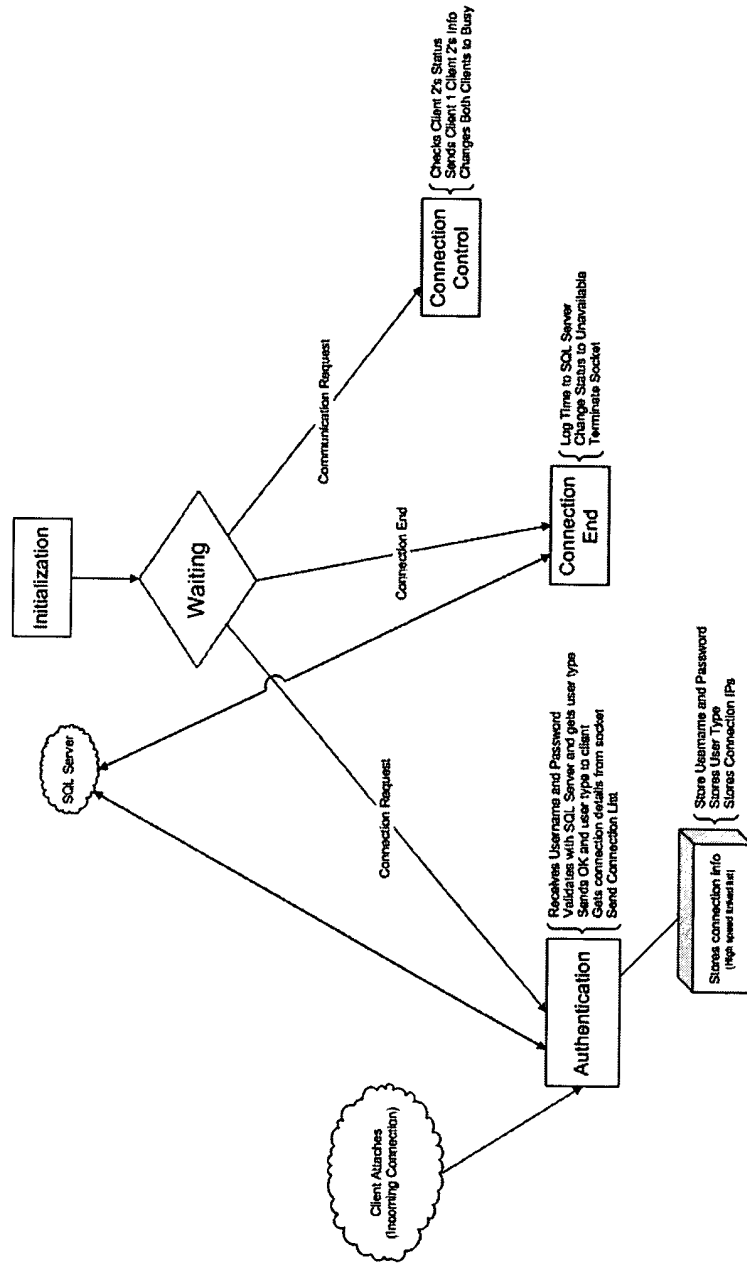




FIG. 9

# Sequence Diagram – Browse Courses

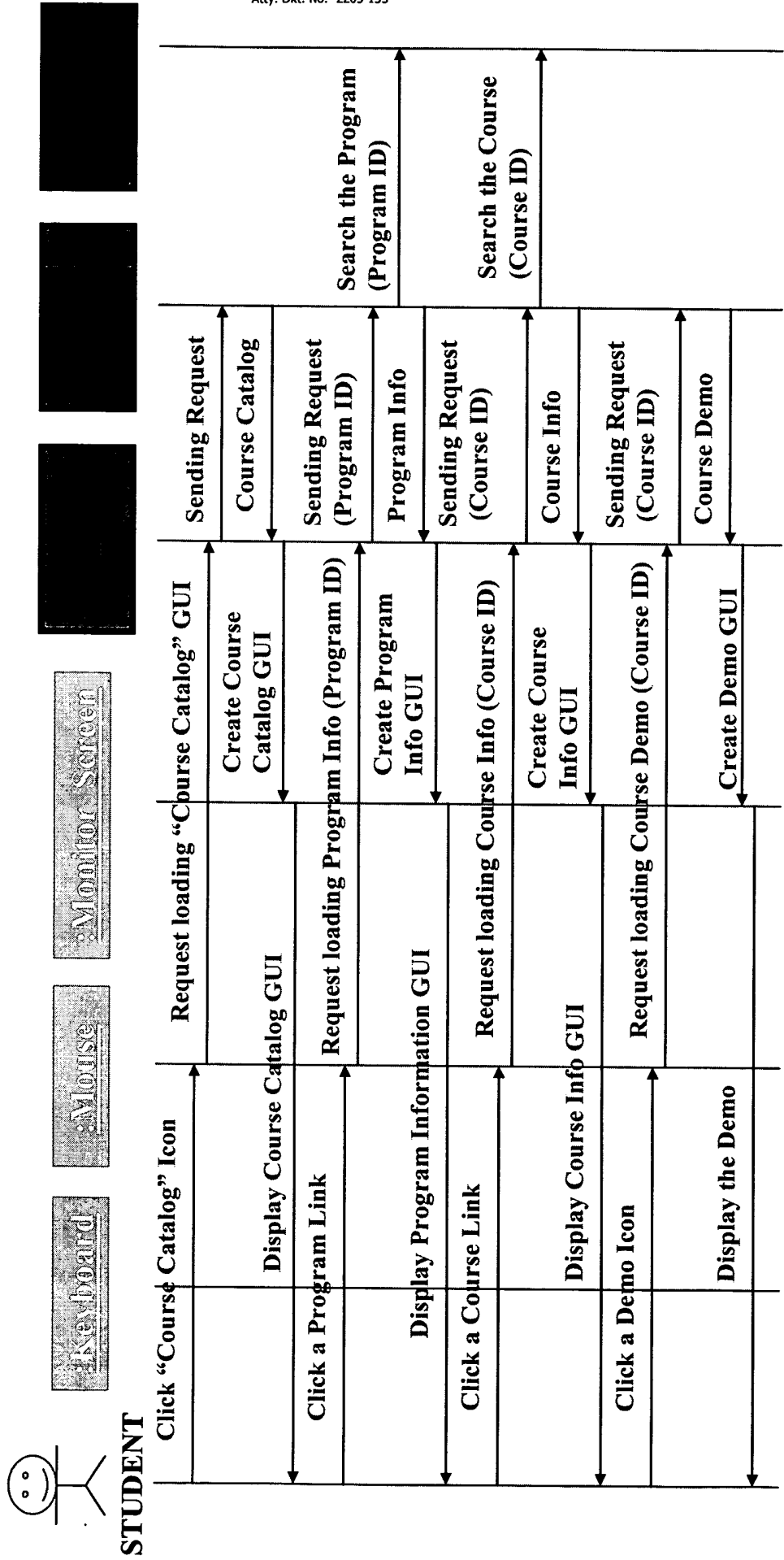
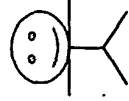


FIG. 10

# Sequence Diagram – Register Courses (1)



STUDENT

Keyboard

Mouse

Monitor Screen

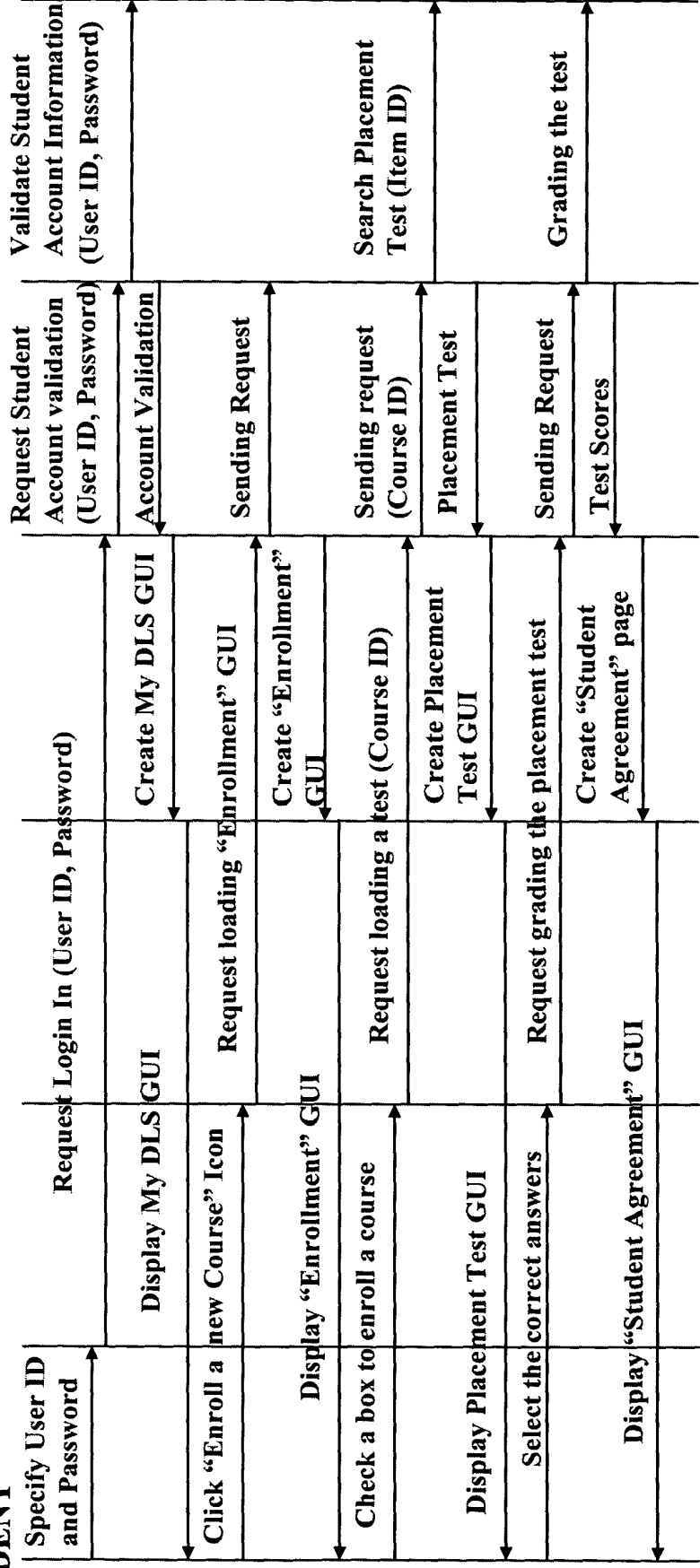


FIG. 11

# Sequence Diagram – Register Courses (2)

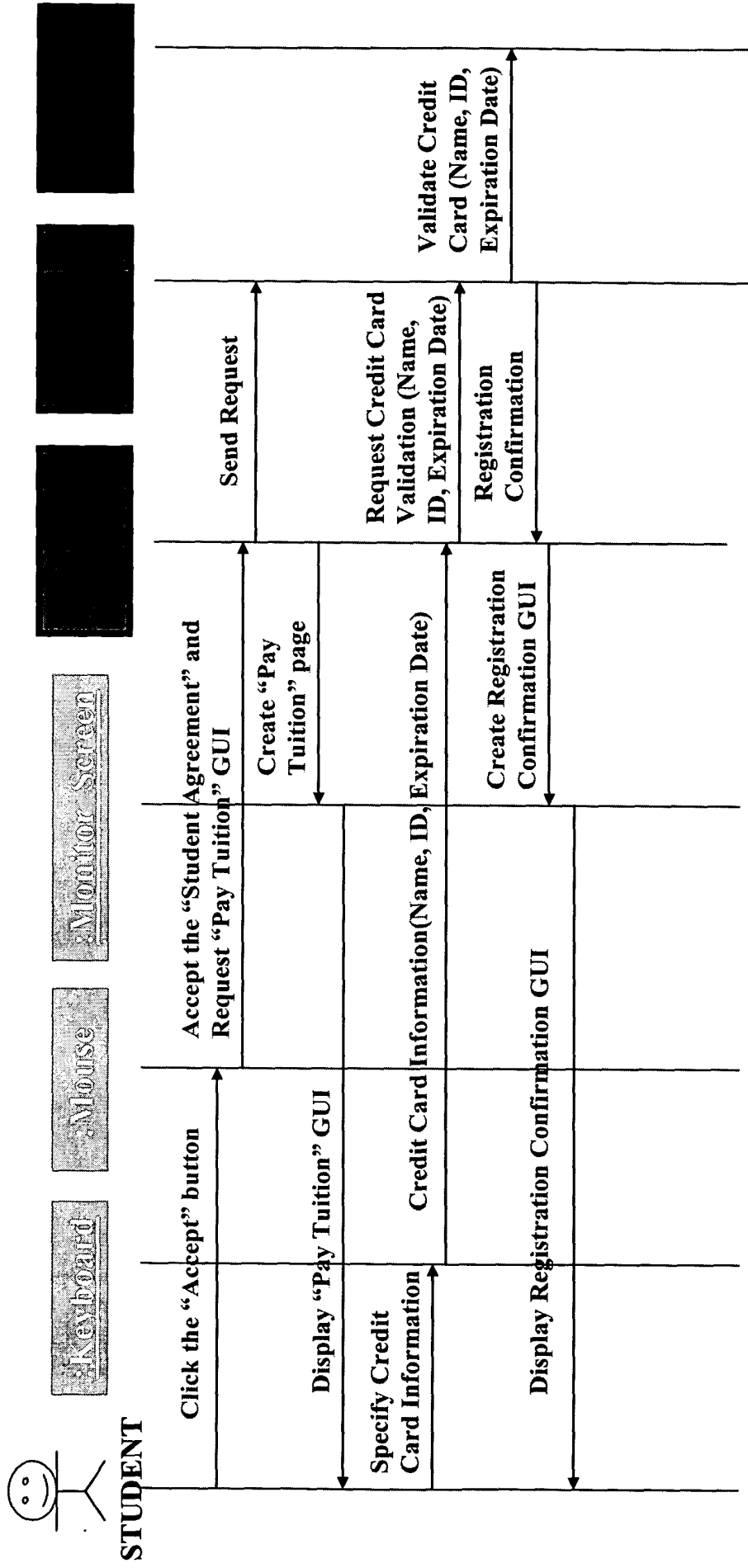


FIG. 12

# Sequence Diagram – Take Courses (1)

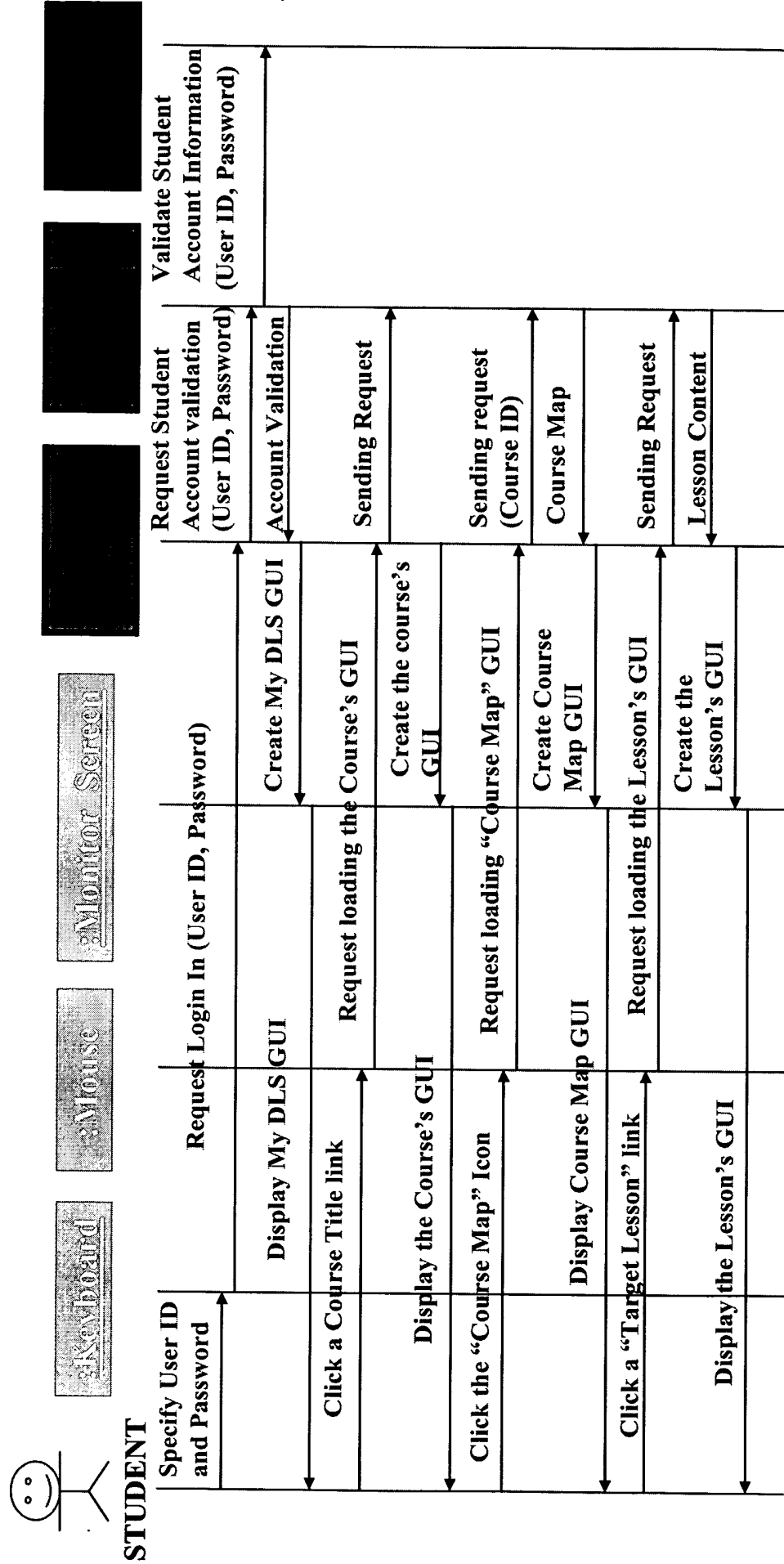
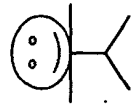
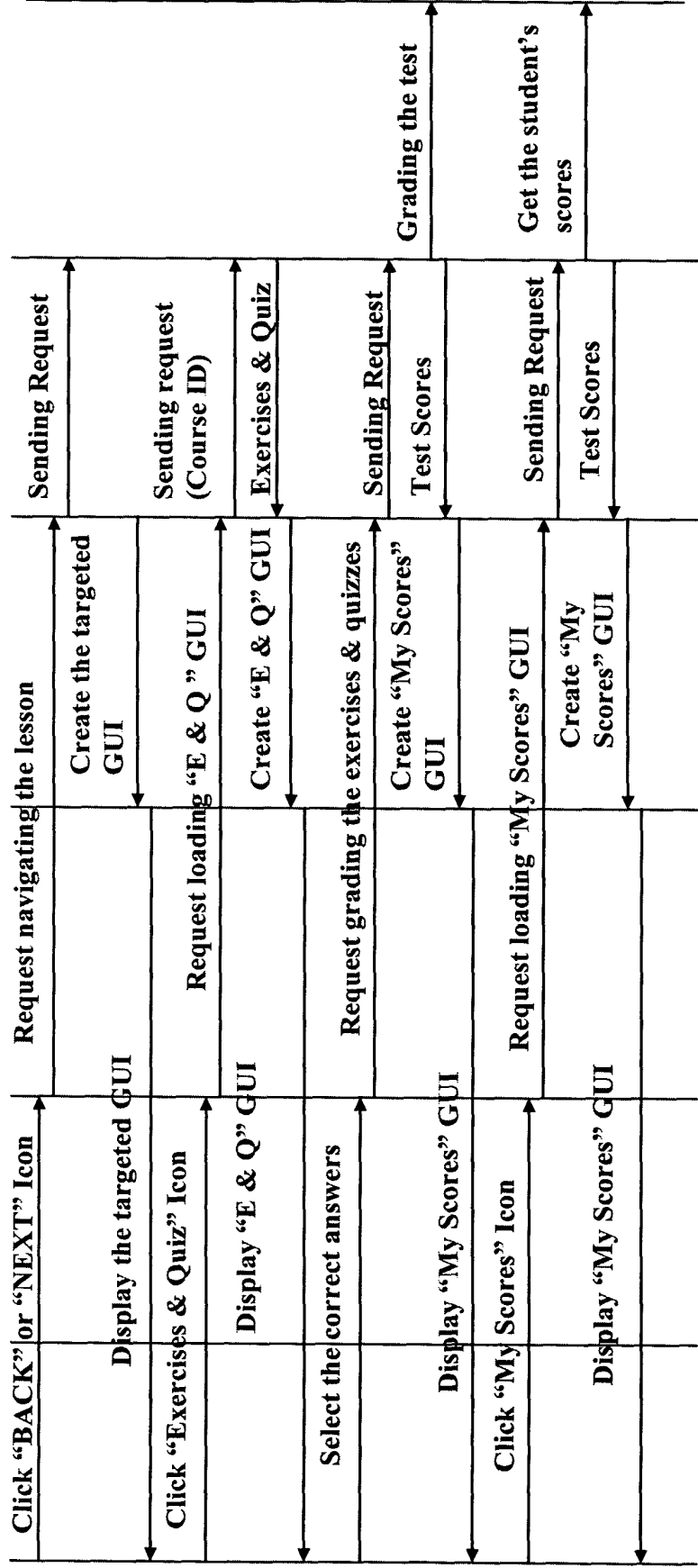
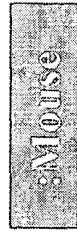


FIG. 13

# Sequence Diagram – Take Courses (2)



STUDENT



# Sequence Diagram – Take Courses (3)

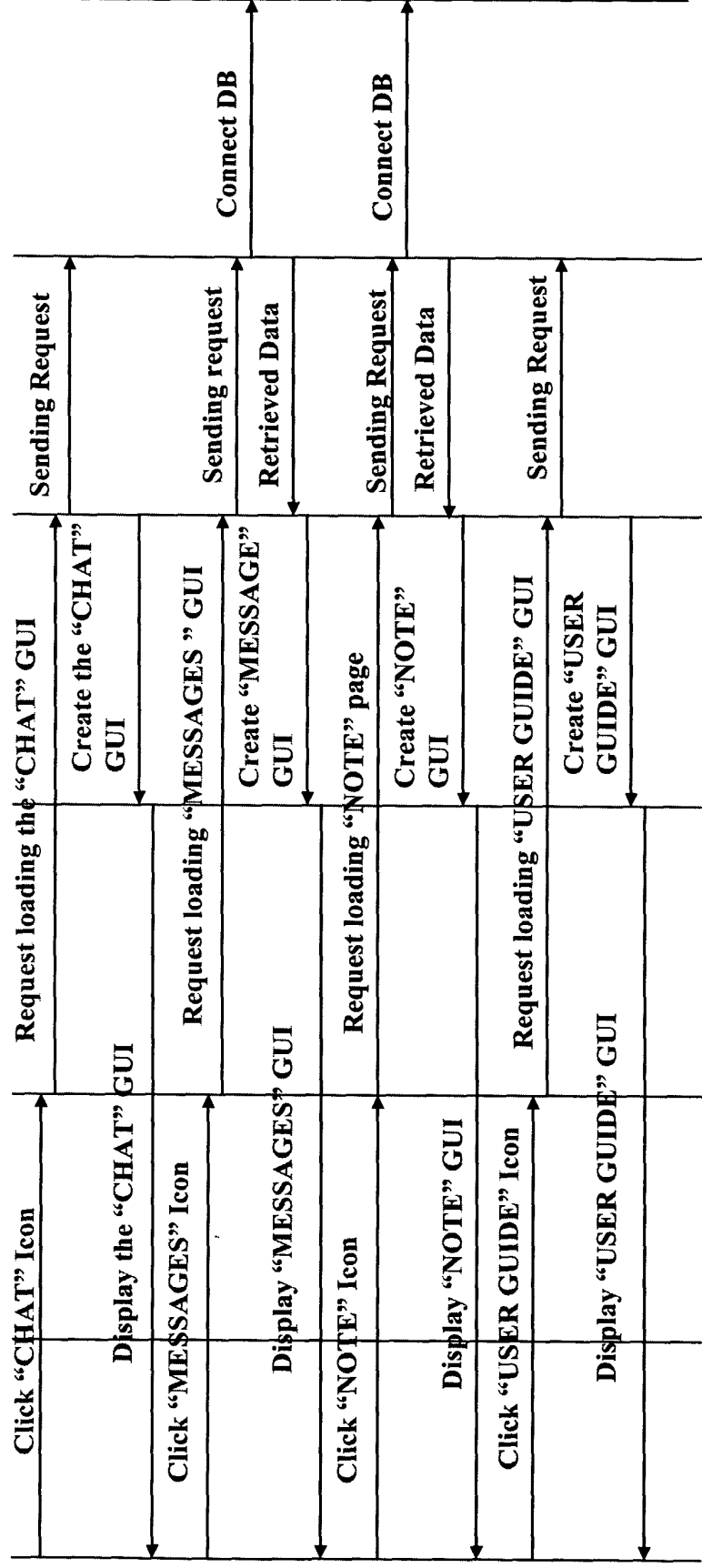


FIG. 15(A)

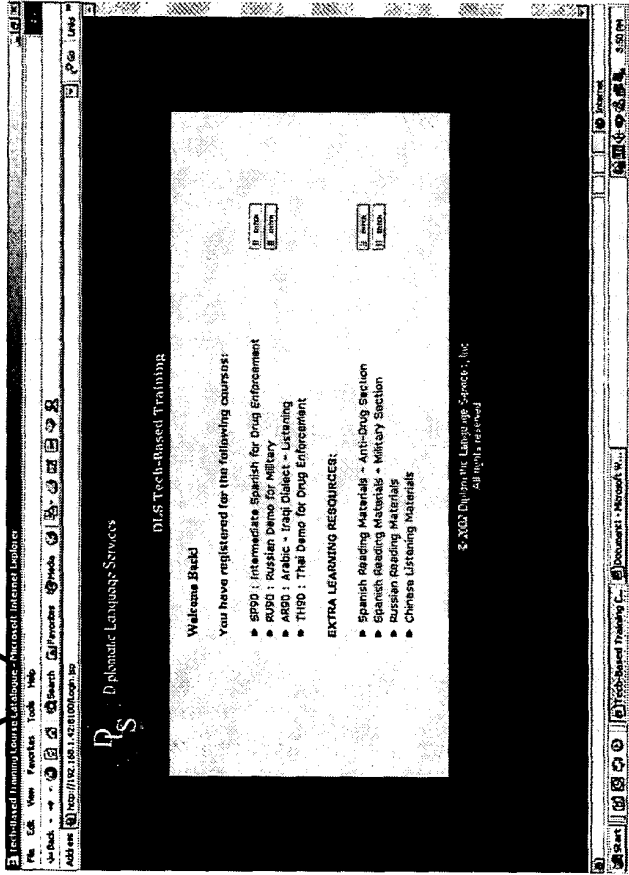


FIG. 15(B)

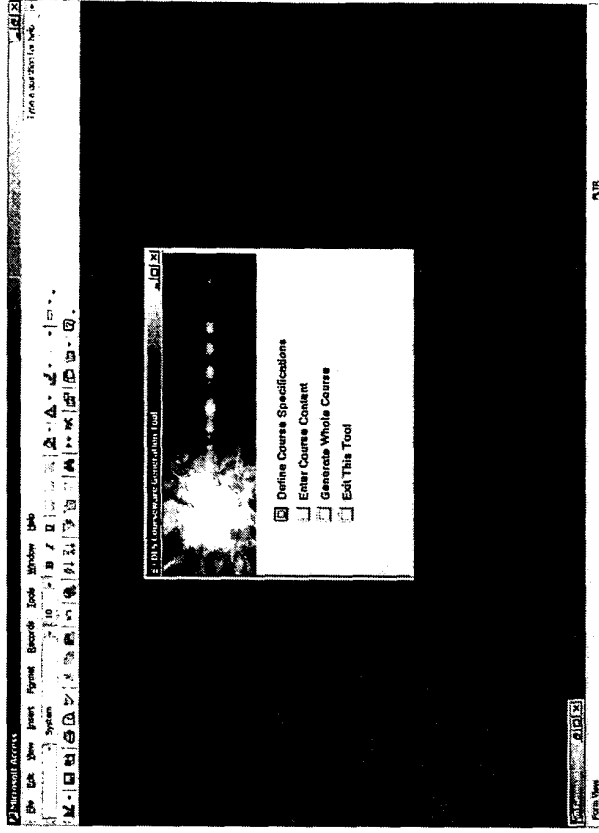


FIG. 15(C)

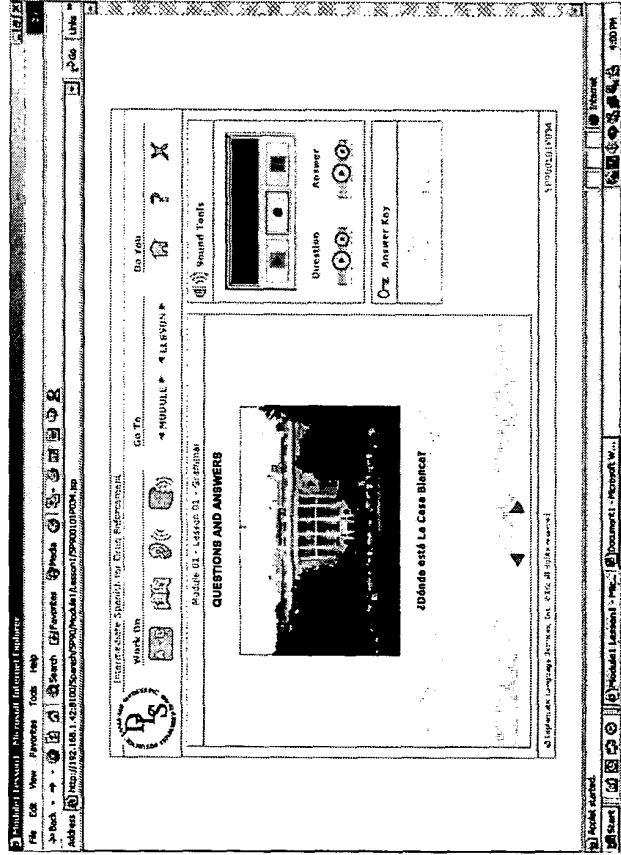


FIG. 16

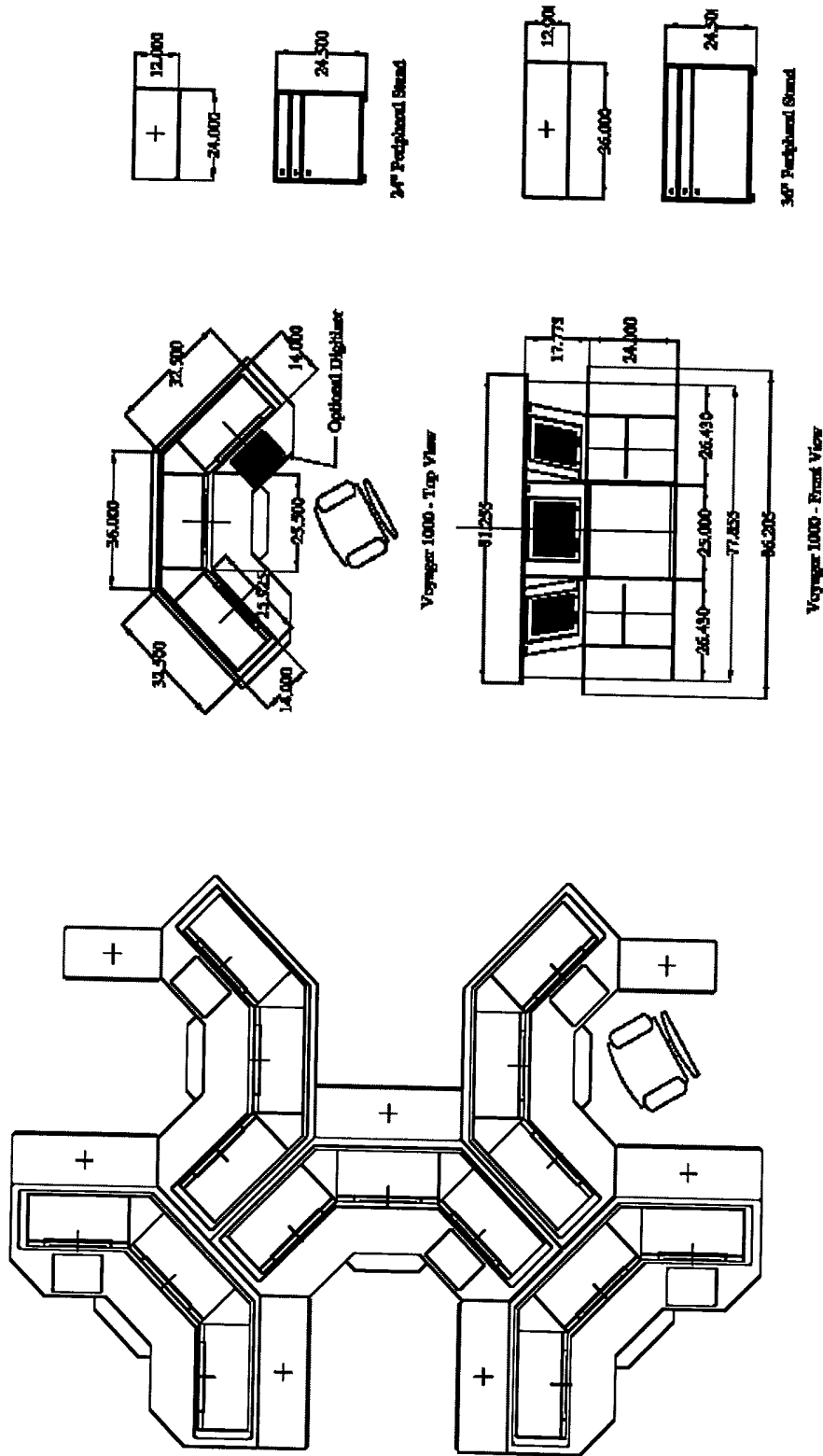




FIG. 17

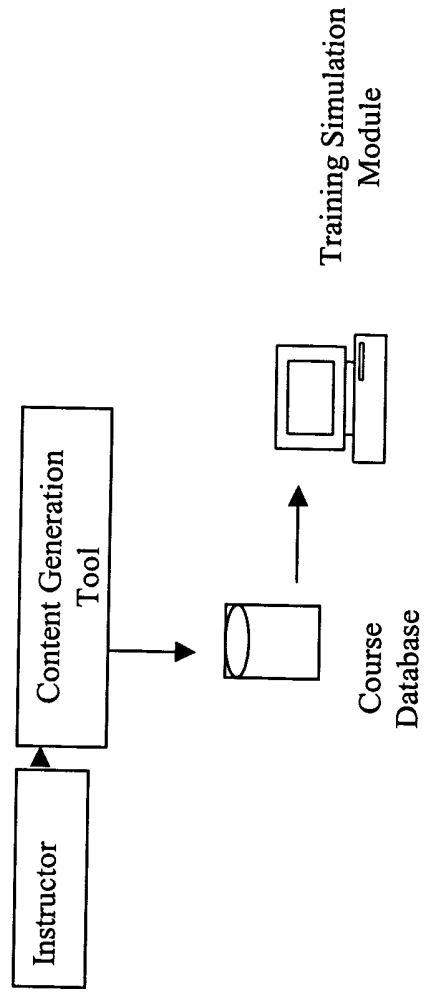


FIG. 18

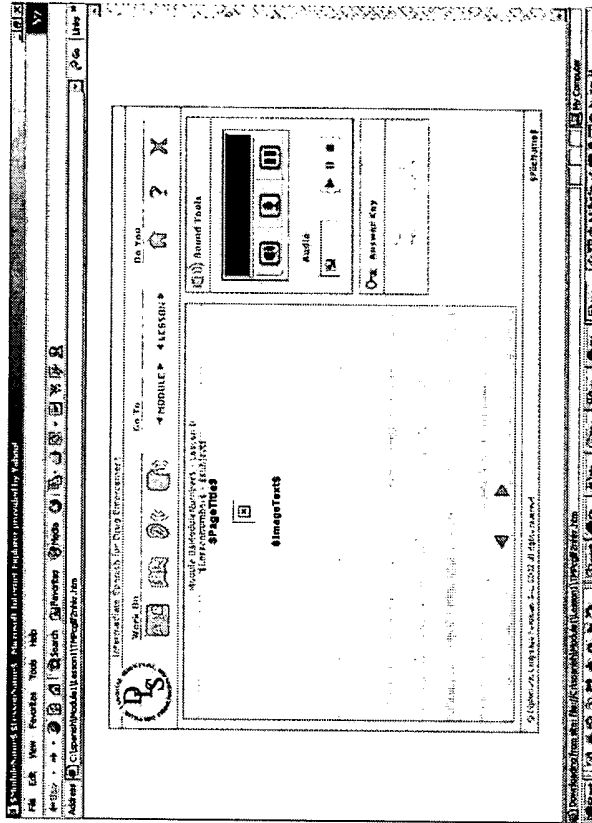


FIG. 19

Microsoft Access

File Edit View Insert Format Records Tools Window Help

Enter Pages

### DLS Courseware Generation Tool

ID Number: 73 Template: Template 2

Unit: SP50 Module: Lesson 1 Page: 15 Printable or content? Generate

Page Title: ESTAR MEANS LOCALIZATION

Page Name: White House

Template 2 | General | Instructions

Image File Name: SP500010226 View Image

Image Text: La Casa Blanca est? en Washington

Audio File: SP500101A011.wav Listen

Form View

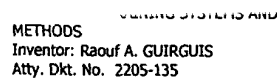
Microsoft Access

File Edit View Insert Format Records Tools Window Help

Enter Pages

Form View

12:49 PM



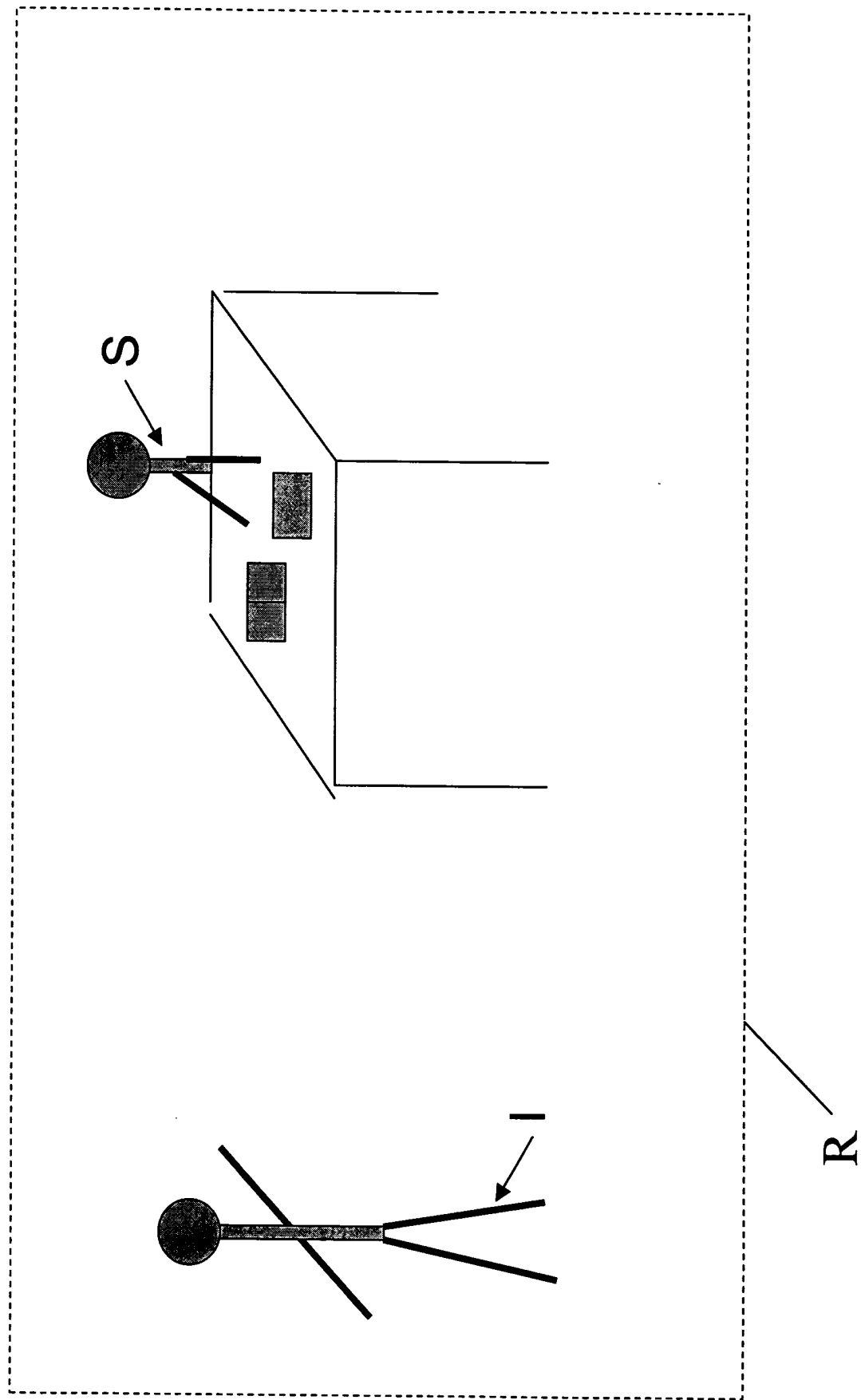


FIG. 21

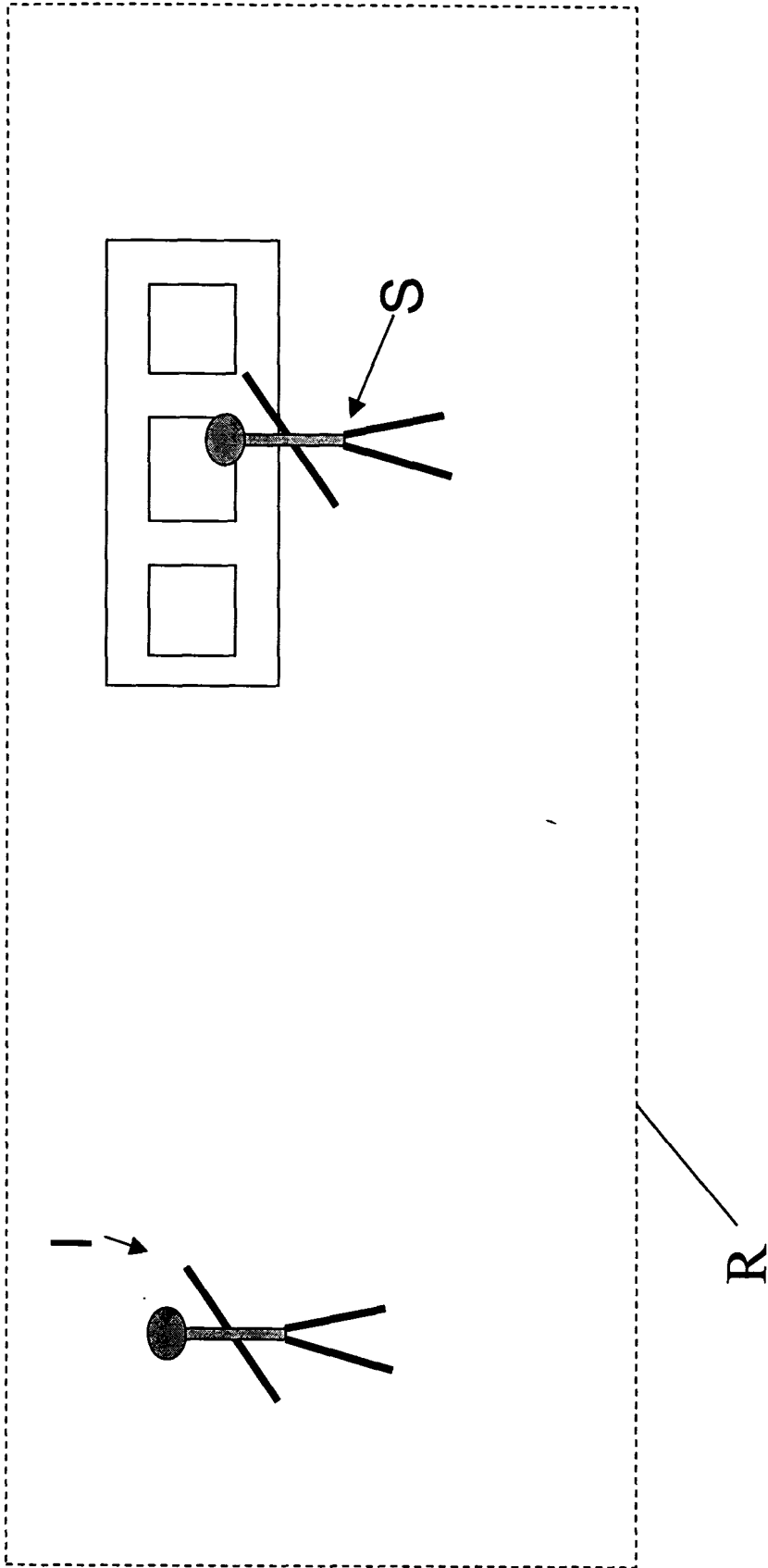


FIG. 22

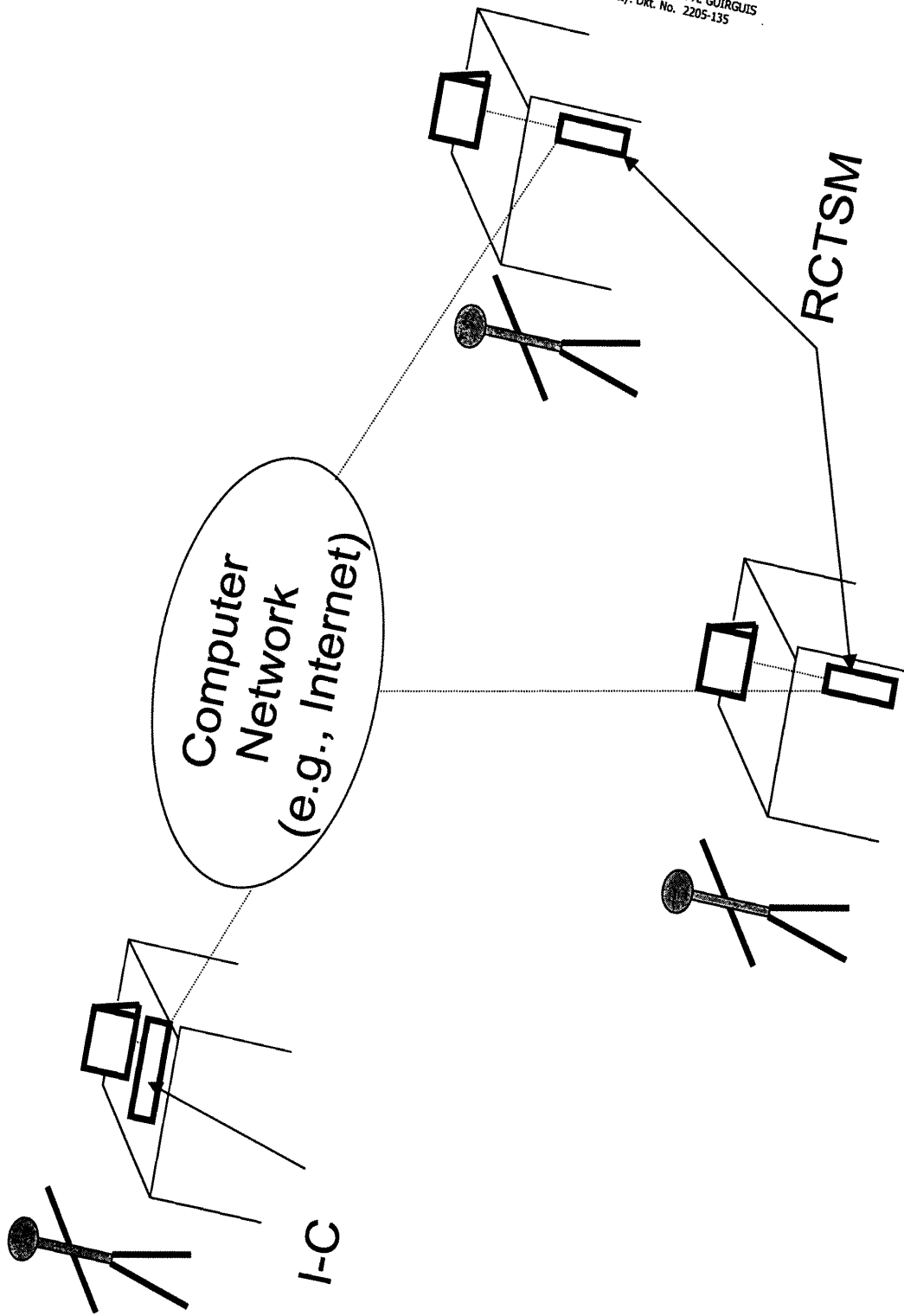


FIG. 23

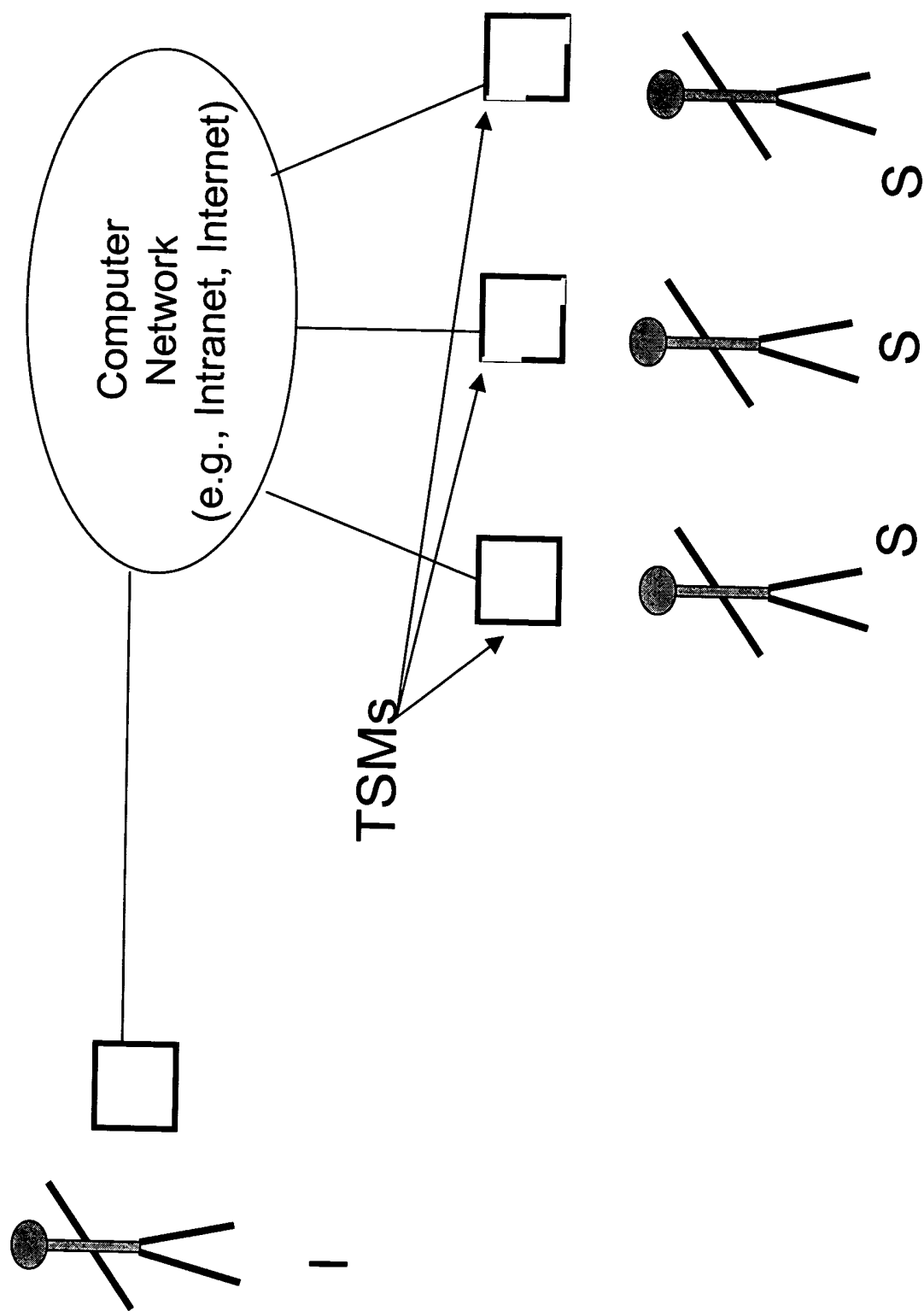


FIG. 24



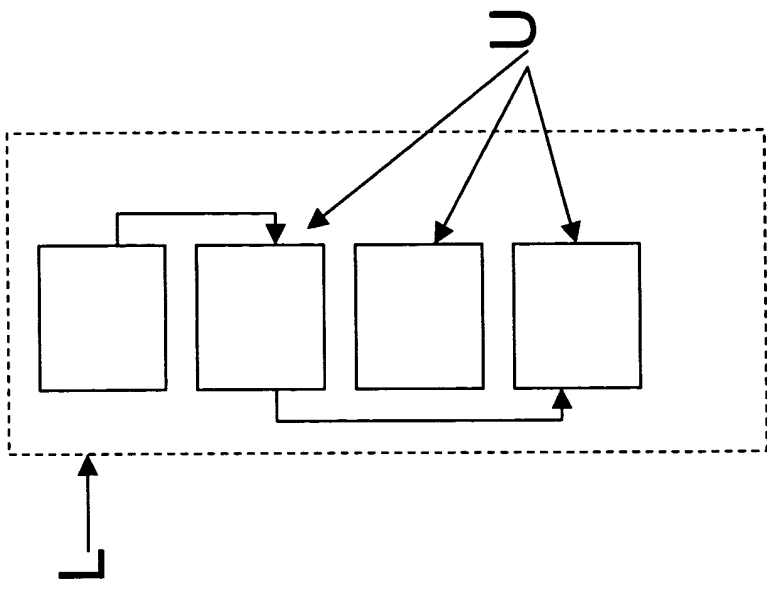


FIG. 25(B)

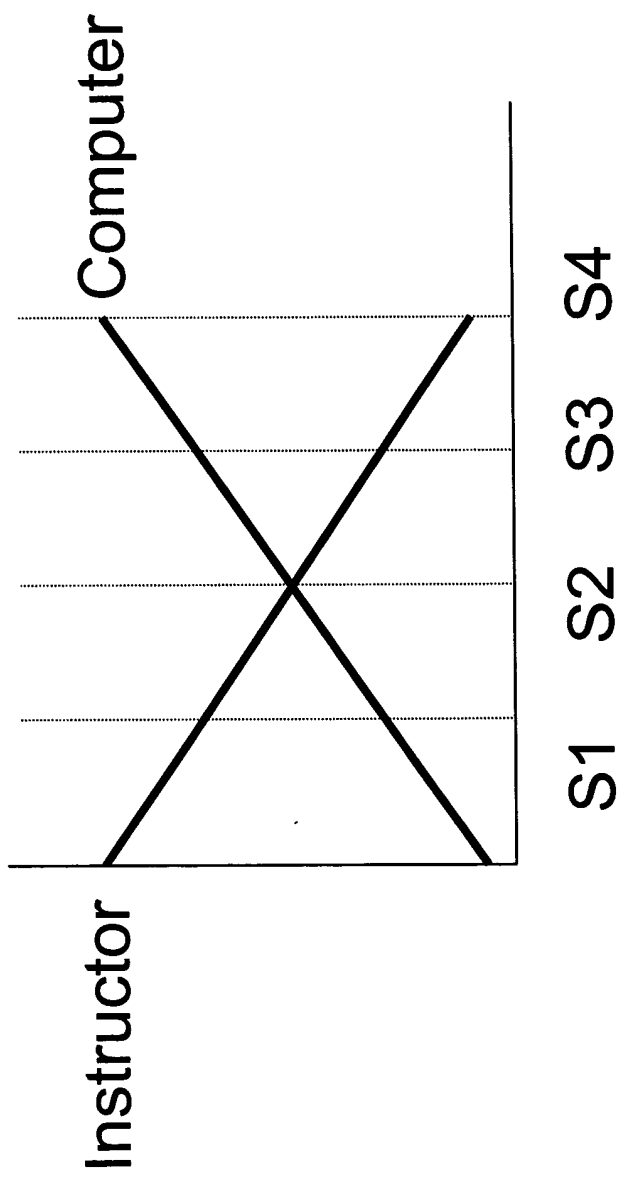


FIG. 25(A)

FIG. 26(B)

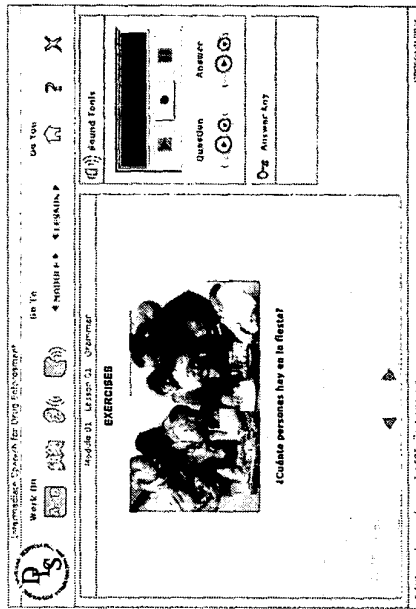
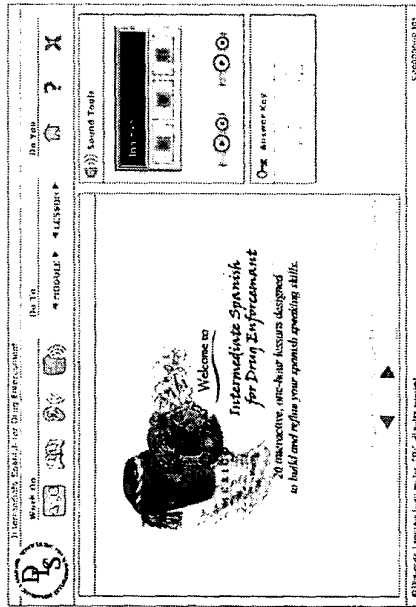


FIG. 26(C)

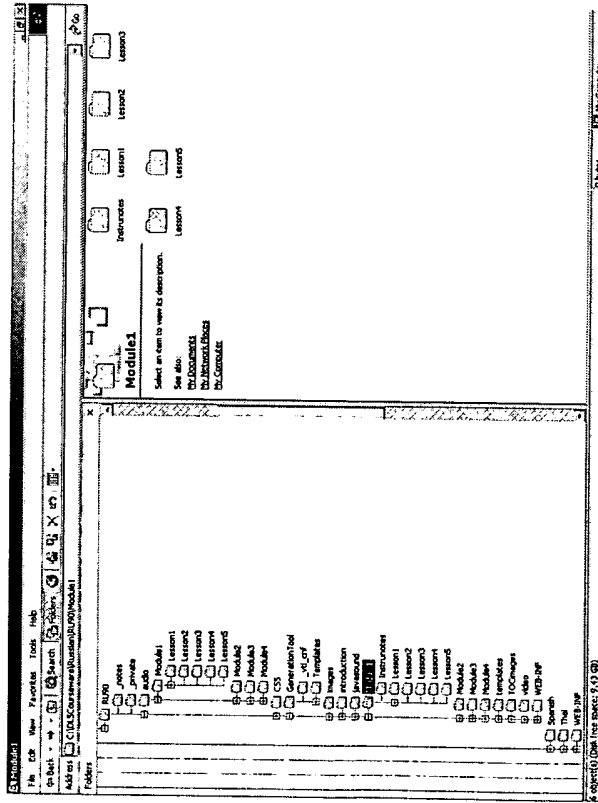


FIG. 26(D)

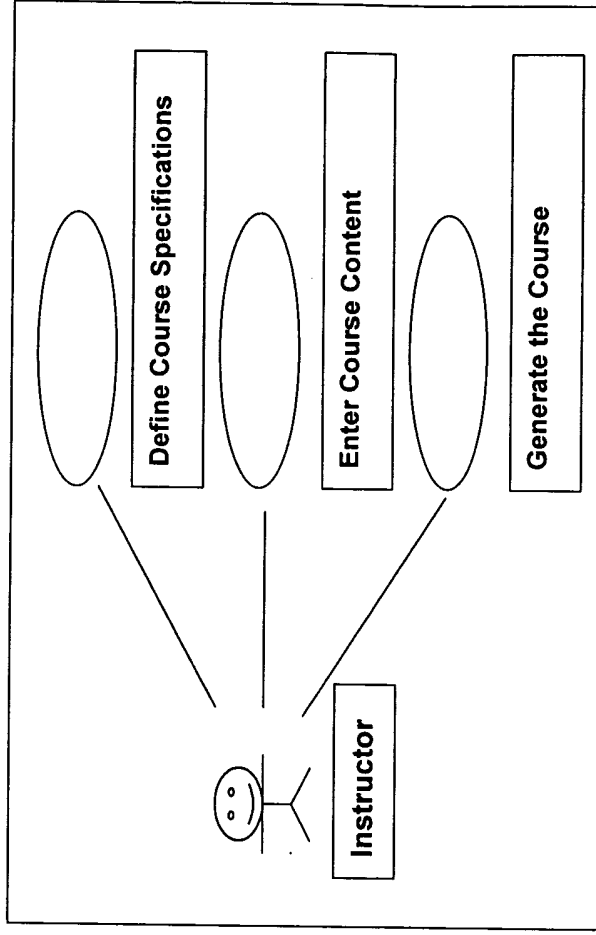


FIG. 27(A)

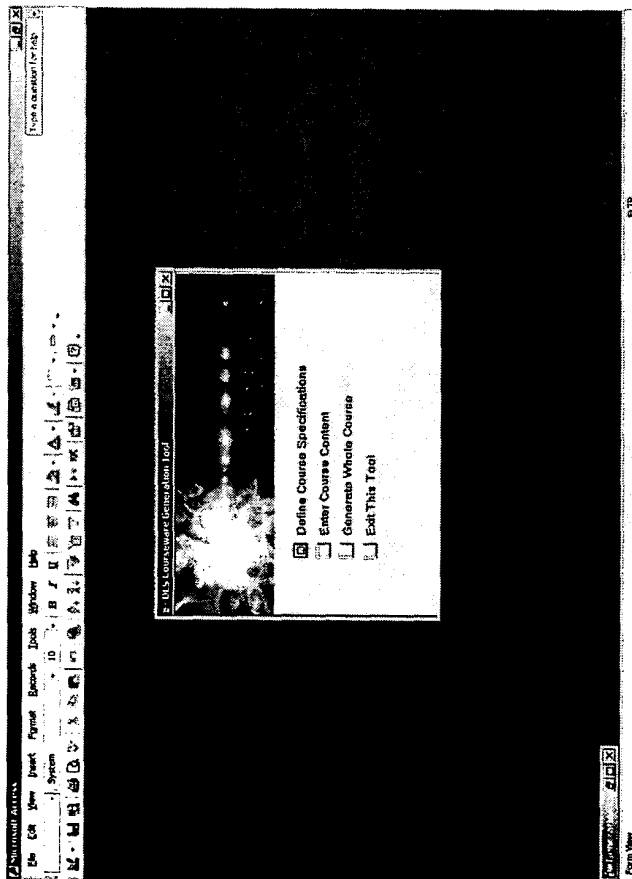


FIG. 27(B)

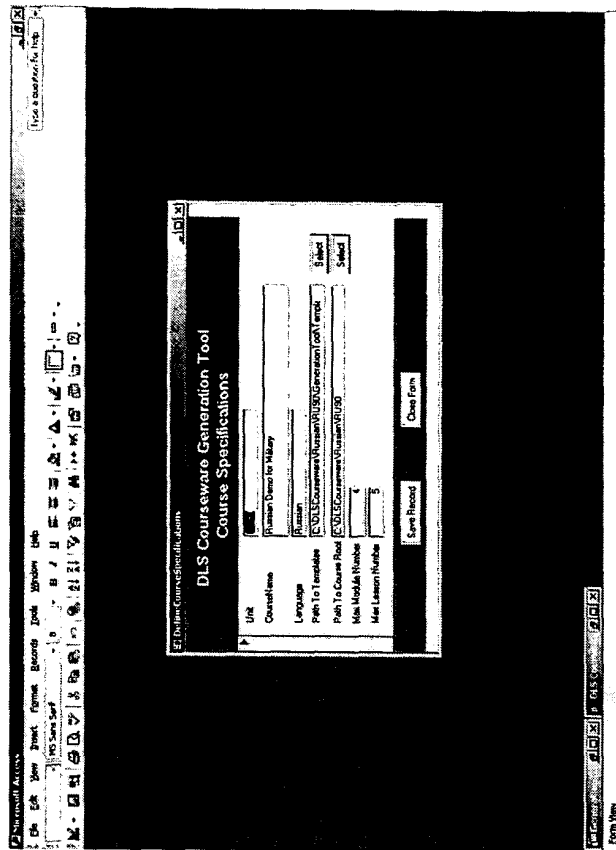


FIG. 28(A)

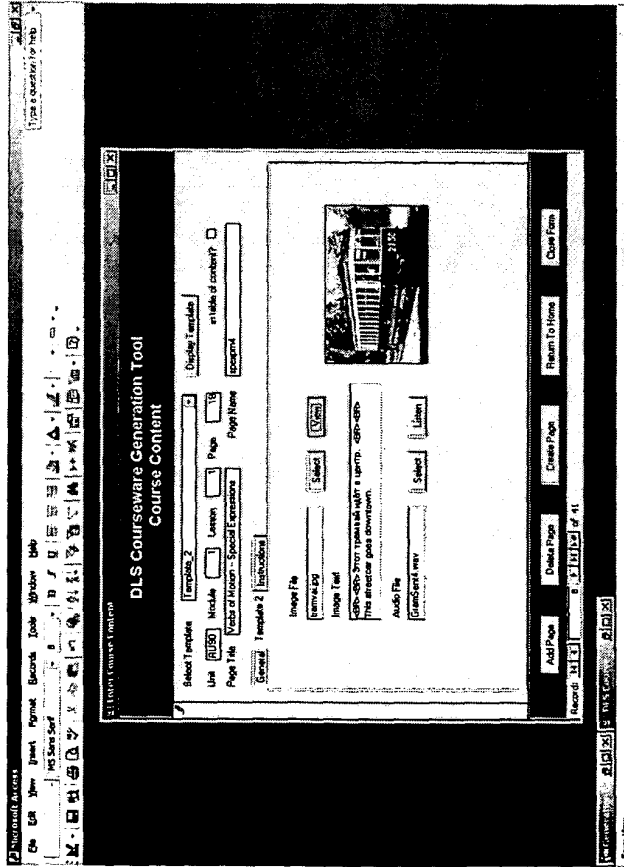
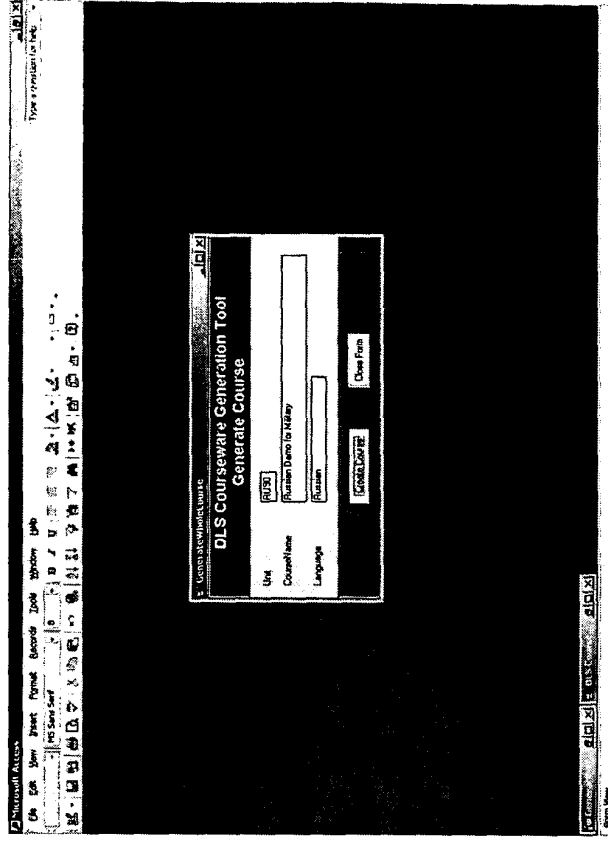


FIG. 28(B)



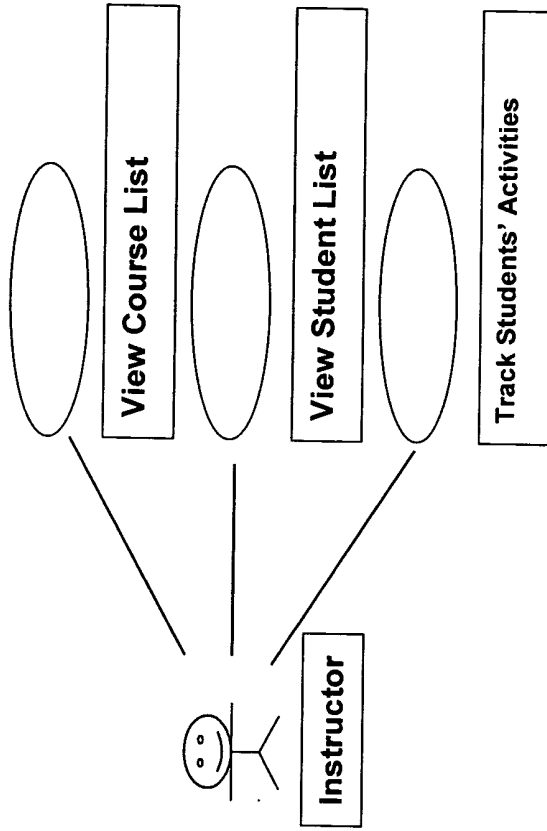


FIG. 29

FIG. 30(A)

DLIS Instructor Tracking System (Home Page)

image missing

You are currently tracking the following course(s). Please click one radio button to enter the selected course's administration page:

☐ Intermediate Spanish for Drug Enforcement

☐ Russian Demo for Military

Click one radio button to select students status:

☐ Current students

☐ All students

[Submit]

FIG. 30(B)

DLIS Instructor Tracking System

Student List of Intermediate Spanish for Drug Enforcement

Image	First Name	Last Name	Short Enforcer	Long Enforcer
	Ken Frock	Ken Frock	Short Enforcer	Long Enforcer
	Ken Frock	Ken Frock	Short Enforcer	Long Enforcer
	Ken Frock	Ken Frock	Short Enforcer	Long Enforcer
	Ken Frock	Ken Frock	Short Enforcer	Long Enforcer

FIG. 30(C)

DLIS Instructor Tracking System

Search Studying Time

Course Name: Intermediate Spanish for Drug Enforcement

Student Name: Ken Frock

Email Address: kenfrock

Display Search Results: [From any day] [To any day]

Select Module: [Any Module]

Select Lesson: [Any Lesson]

[Submit]

See Student List / Administration Home Data

FIG. 30(D)

DLIS Instructor Tracking System

Search Results

Course Name: Intermediate Spanish for Drug Enforcement

Student Name: Ken Frock

Module	Lesson	Page	Page Name	Start	End	Time
4	1	5	video2 Q1	2003-05-30 17:24:37	2003-05-30 17:24:48	11
4	1	5	video2 Q1	2003-05-30 17:24:34	2003-05-30 17:24:37	3
4	1	4	video2	2003-05-30 17:24:26	2003-05-30 17:24:34	8
4	1	3	video1 Q1	2003-05-30 17:24:17	2003-05-30 17:24:26	9
4	1	2	video1	2003-05-30 17:24:12	2003-05-30 17:24:17	5
4	1	1	introduction	2003-05-30 17:24:10	2003-05-30 17:24:12	2
2	1	8	paragraph2	2003-05-30 17:23:53	2003-05-30 17:24:10	17
2	1	7	paragraph1 Q5	2003-05-30 17:23:52	2003-05-30 17:23:53	1
2	1	6	paragraph1 Q4	2003-05-30 17:23:51	2003-05-30 17:23:52	1
2	1	5	paragraph1 Q3	2003-05-30 17:23:50	2003-05-30 17:23:51	1
2	1	4	paragraph1 Q2	2003-05-30 17:23:49	2003-05-30 17:23:50	1
2	1	3	paragraph1 Q1	2003-05-30 17:23:47	2003-05-30 17:23:49	2
2	1	2	paragraph1	2003-05-30 17:23:45	2003-05-30 17:23:47	2
2	1	1	introduction	2003-05-30 17:23:43	2003-05-30 17:23:45	2
2	4	4	introduction	2003-05-30 17:04:47	2003-05-30 17:04:49	2
2	4	3	introduction	2003-05-30 17:04:34	2003-05-30 17:04:47	13
2	4	2	introduction	2003-05-30 17:04:32	2003-05-30 17:04:34	2
2	4	1	introduction	2003-05-30 17:04:30	2003-05-30 17:04:32	2
2	3	1	introduction	2003-05-30 17:04:29	2003-05-30 17:04:30	1

FIG. 31(A)

DLIS Instructor Tracking System

Course Name: Intermediate Spanish for Drug Enforcement  
Student Name: Ken Frank  
Email Address: kenfrank

Display Search Results:  
Select Module: [From any day] [Any Module] [Any Lesson] [Submit]

Show Student List / Administration Home Page

FIG. 31(B)

DLIS Instructor Tracking System

Course Name: Intermediate Spanish for Drug Enforcement  
Student Name: Ken Frank

Search Results

Mod	Le	Q#	Page Name	Submit Time	Answer
3	2	A2	Exercises! Q2	2003-05-30 14:06:54	A
3	2	A1	Exercises! Q1	2003-05-30 14:06:48	B
3	1	A4	Exercises! Q4	2003-05-30 14:06:34	C
3	1	A4	Exercises! Q4	2003-05-30 14:06:30	A
3	1	A3	Exercises! Q3	2003-05-30 14:06:24	D
3	1	A2	Exercises! Q2	2003-05-30 14:06:16	C
3	1	A1	Exercises! Q1	2003-05-30 14:06:09	A
1	4	A3	Exercises! Q3	2003-05-30 14:04:23	Unid va a ver en La Paz
1	4	A2	Exercises! Q2	2003-05-30 14:04:11	Unid investigará casos en Sud América
1	4	A1	Exercises! Q1	2003-05-30 14:03:58	Unid va a trabajar en Colombia
1	3	A4	Exercises! Q4	2003-05-30 14:03:19	Conde cuando estaba en la universidad
1	3	A3	Exercises! Q3	2003-05-30 14:03:06	Trabajo en Memphis
1	3	A2	Exercises! Q2	2003-05-30 14:02:55	Dónde estaba el papá
1	3	A1	Exercises! Q1	2003-05-30 14:02:42	Dónde vivía unid en el año de 1990
1	2	A5	Exercises! Q5	2003-05-30 14:01:59	Unid vive en una casa
1	2	A4	Exercises! Q4	2003-05-30 14:01:34	Unid corre cinco millas todos los días
1	2	A3	Exercises! Q3	2003-05-30 14:01:21	Unid investiga casos de narcotráfico

FIG. 31(C)

DLIS Instructor Tracking System

Course Name: Intermediate Spanish for Drug Enforcement  
Student Name: Ken Frank

Search Exercises

From any day [Submit]

Any Module [Submit]

Any Lesson [Submit]

FIG. 31(D)

DLIS Instructor Tracking System

Course Name: Intermediate Spanish for Drug Enforcement  
Student Name: Ken Frank

Search Results

Module Number: 4  
Video2 Q2

En San Diego California, una de las agencias antidroga dijo en rueda de prensa que estaban investigando a una banda de narcotraficantes que opera en la ciudad fronteriza de Tijuana. La portavoz de la agencia antidroga señaló que agrees de la policía local colaboraron en la investigación y añadió que estos señeros que muy pronto se harán algunos arrestos. El jefe de la policía, el Comandante Claudio de Jesús Hoyos - Robinson dijo en la misma rueda de prensa que tenían bajo custodia a un capo estadounidense que es miembro de la banda. Este capo a quien se le conoce con el pseudónimo de "Tim" ha proporcionado mucha información sobre la banda de narcotraficantes que opera en Tijuana. El capo dijo que él mismo ha estado en la cárcel por narcotráfico y también durante su estancia en prisión. Esto fue confirmado al tiempo que se le preguntó a un portavoz de la banda en la ciudad de Praga. El miembro de la banda sólo responde al nombre de "Pavel". Este individuo tiene la doble ciudadanía, la de la República Checa y la de Los Estados Unidos. Banaajik está en la cárcel en Praga y está esperando la extradición a Los Estados Unidos.

PRINT THIS PAGE GO BACK



FIG. 32

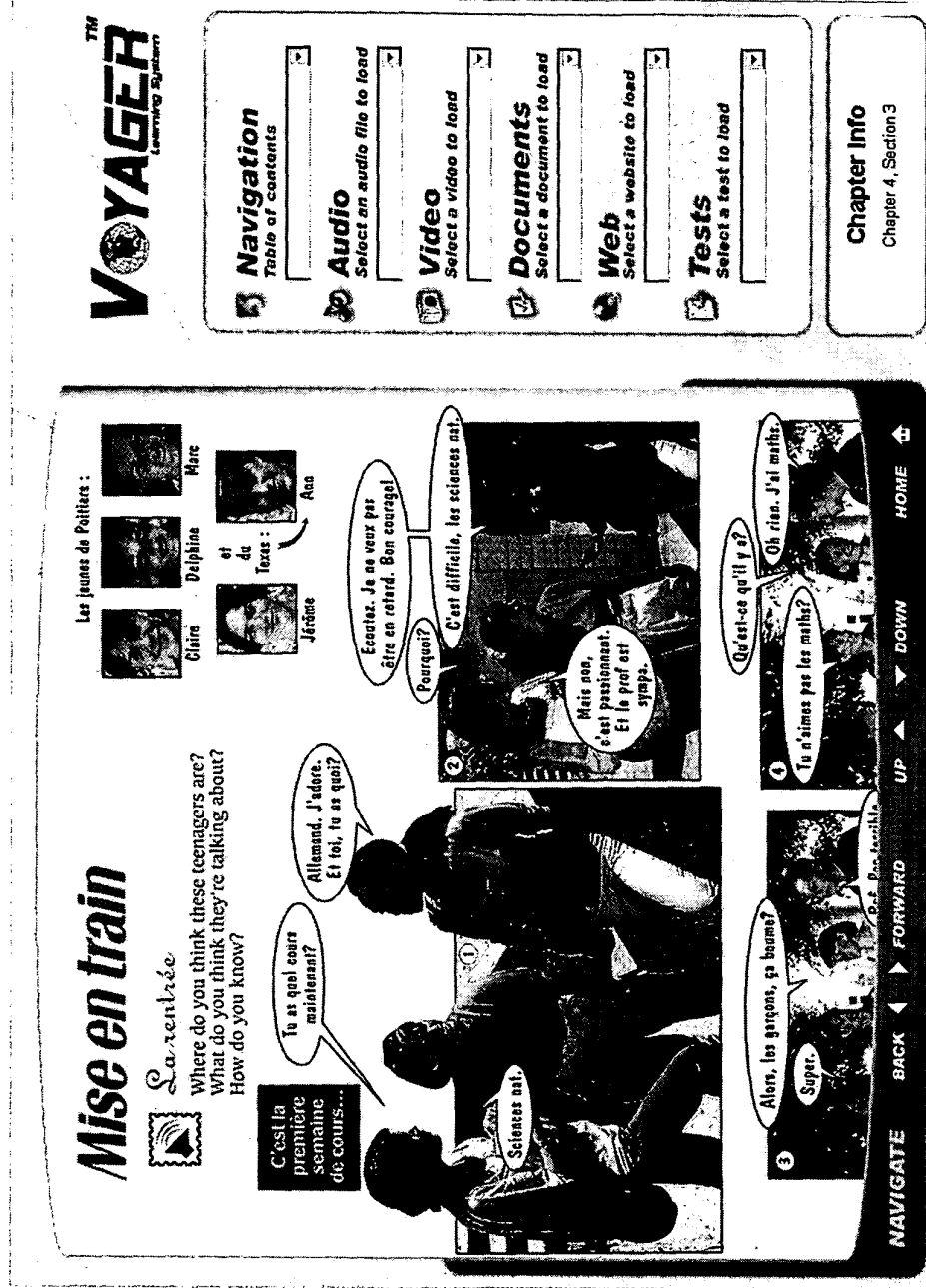
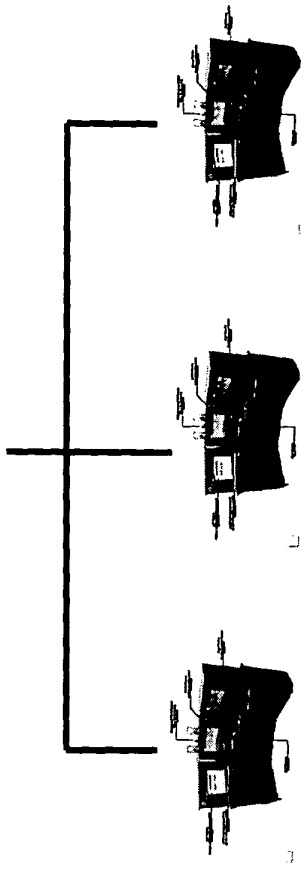


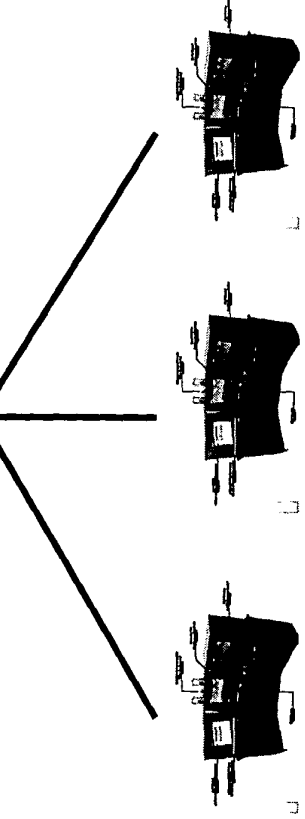
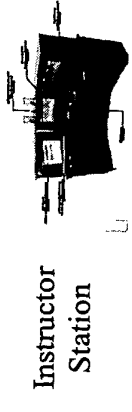
FIG. 33



Method A: Instructor command one student



Method C: Instructor broadcast command to a group students

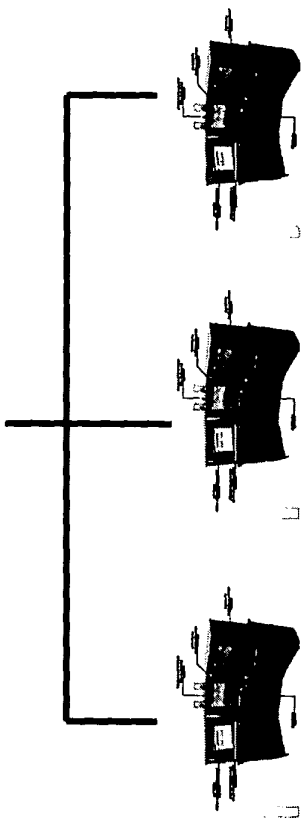


Instructor Station#1

Instructor Station#2

Instructor Station#3

Method B: Instructor command more than one student



Instructor Station#1

Instructor Station#2

Instructor Station#3

Method D: Instructor direct student to communicate with other student on command